Quantitation Report (Qedit)

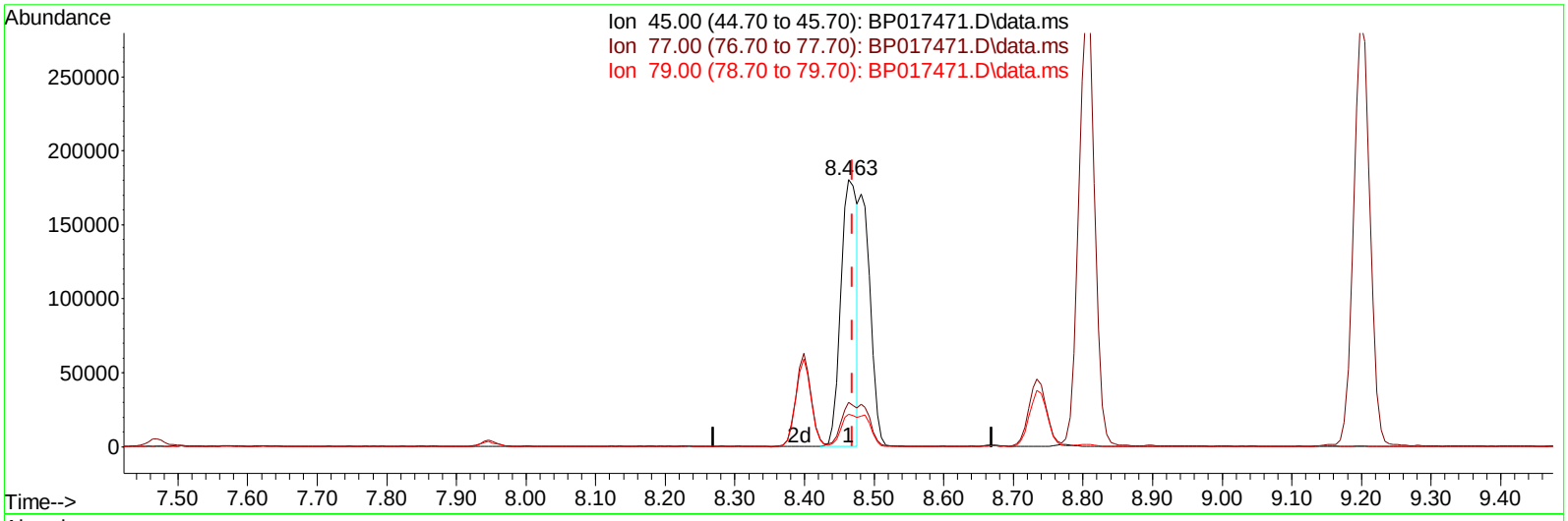
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
Data File : BP017471.D
Acq On : 30 Sep 2023 06:21
Operator : MA/JU
Sample : 04571-07MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

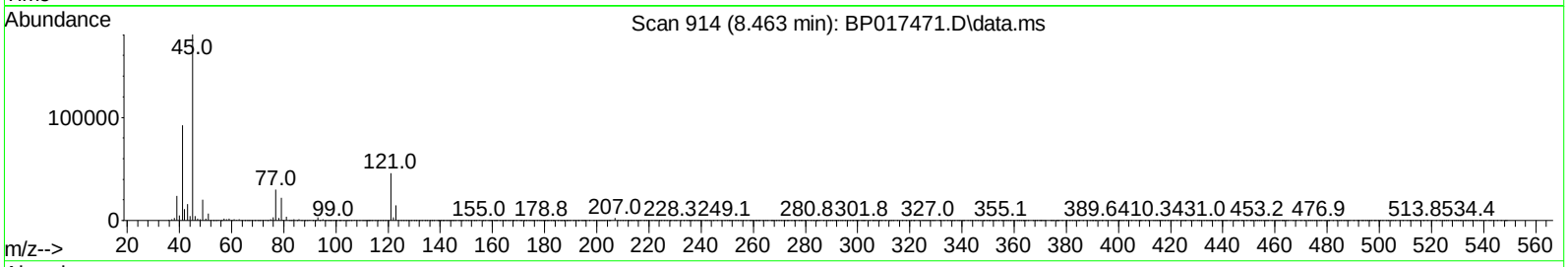
Quant Time: Oct 02 00:55:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 04:02:20 2023
Response via : Initial Calibration

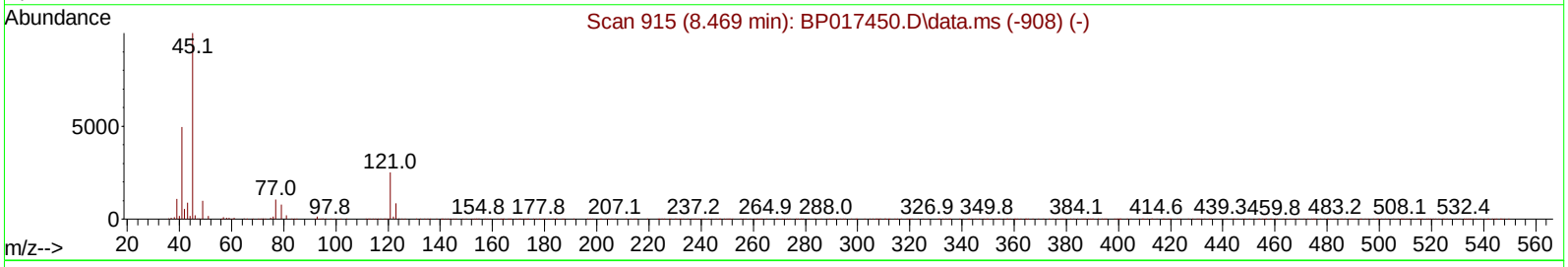
Instrument :
BNA_P
ClientSampleId :
BBK58MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023







TIC: BP017471.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.463min (-0.006) 19.62 ng/ul

response 296594

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.54
79.00	11.80	12.11
0.00	0.00	0.00

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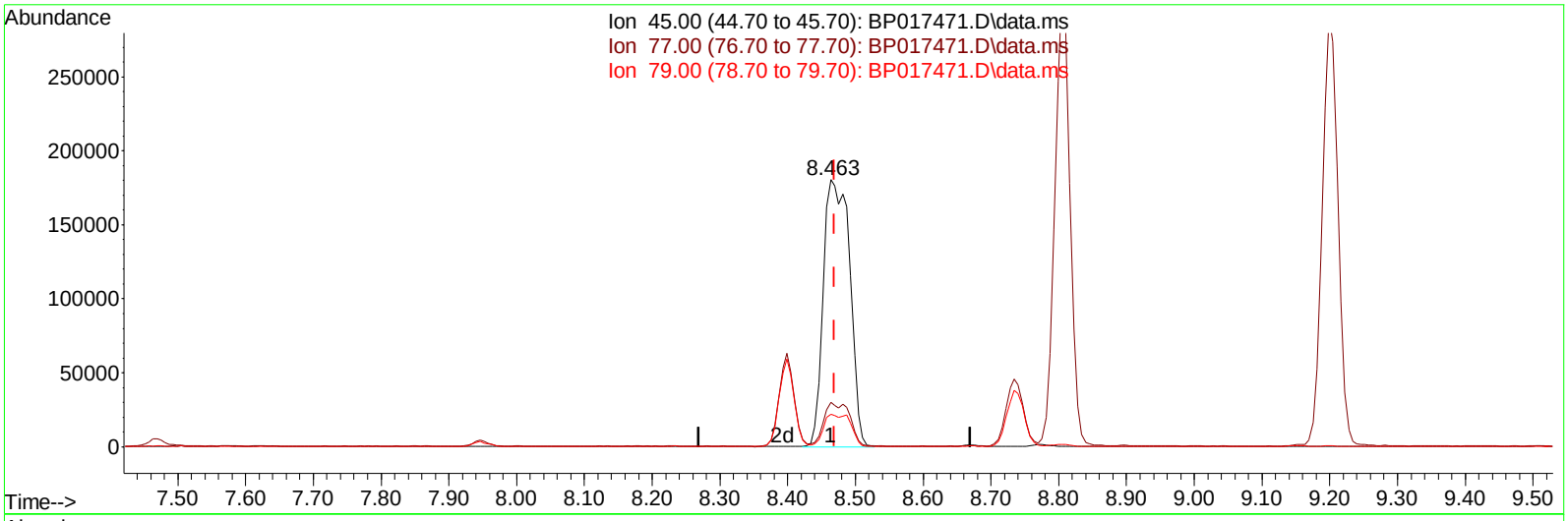

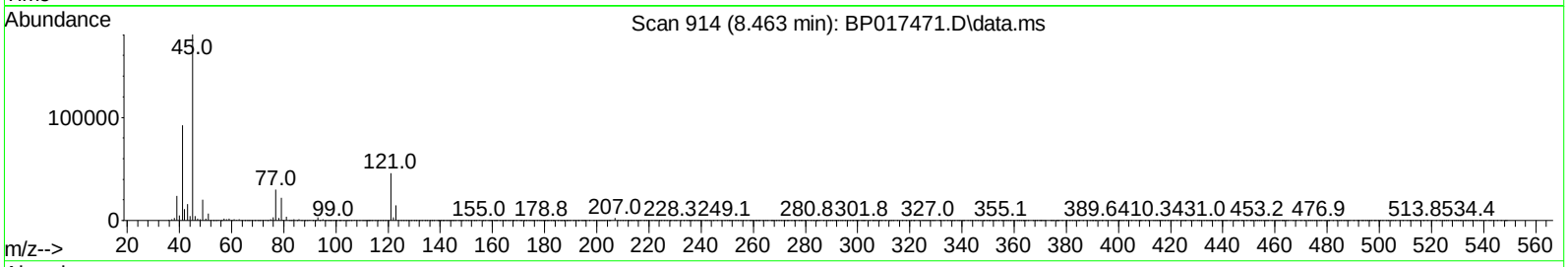

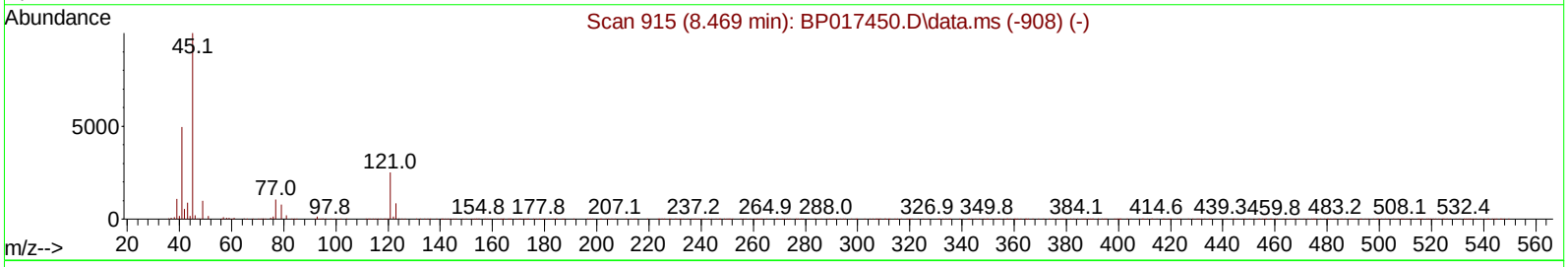

TIC: BP017471.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.463min (-0.006) 32.27 ng/ul m

response 487831

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.54
79.00	11.80	12.11
0.00	0.00	0.00

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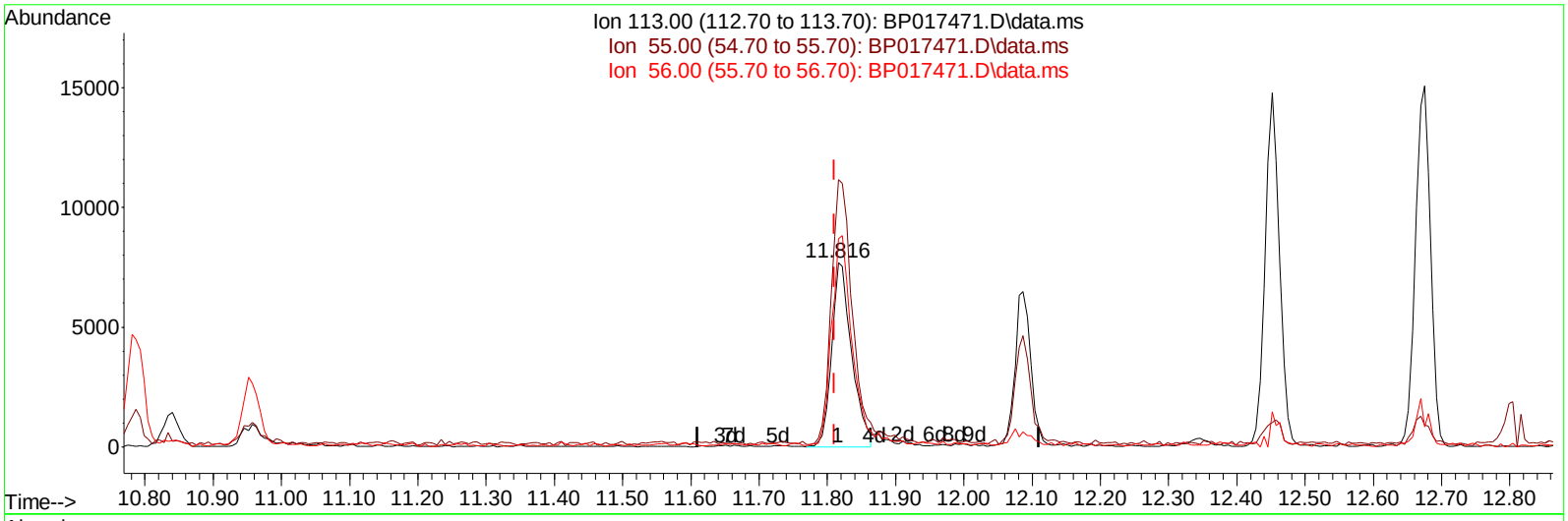

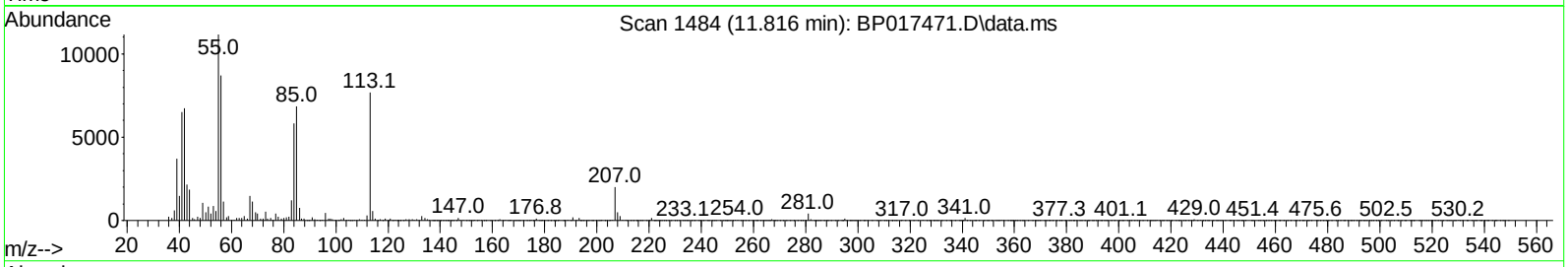

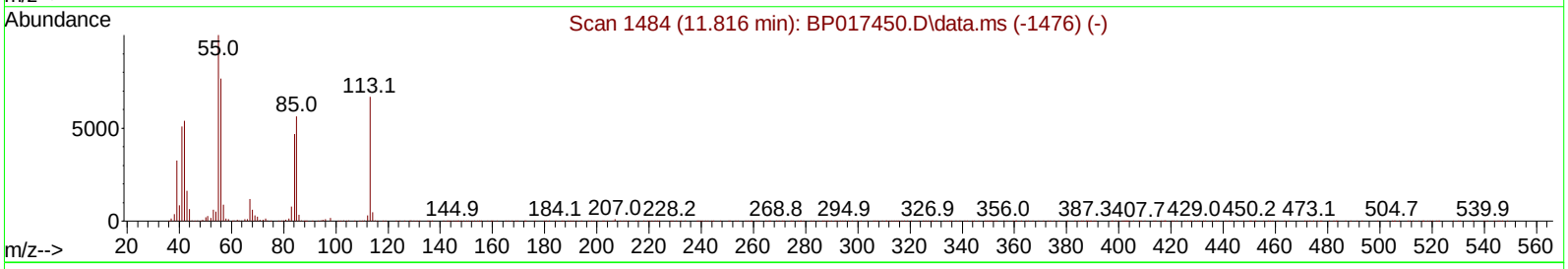

TIC: BP017471.D\data.ms

(34) Caprolactam

11.816min (+ 0.006) 5.17 ng/ul

response 15589

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	144.96
56.00	118.10	112.89
0.00	0.00	0.00

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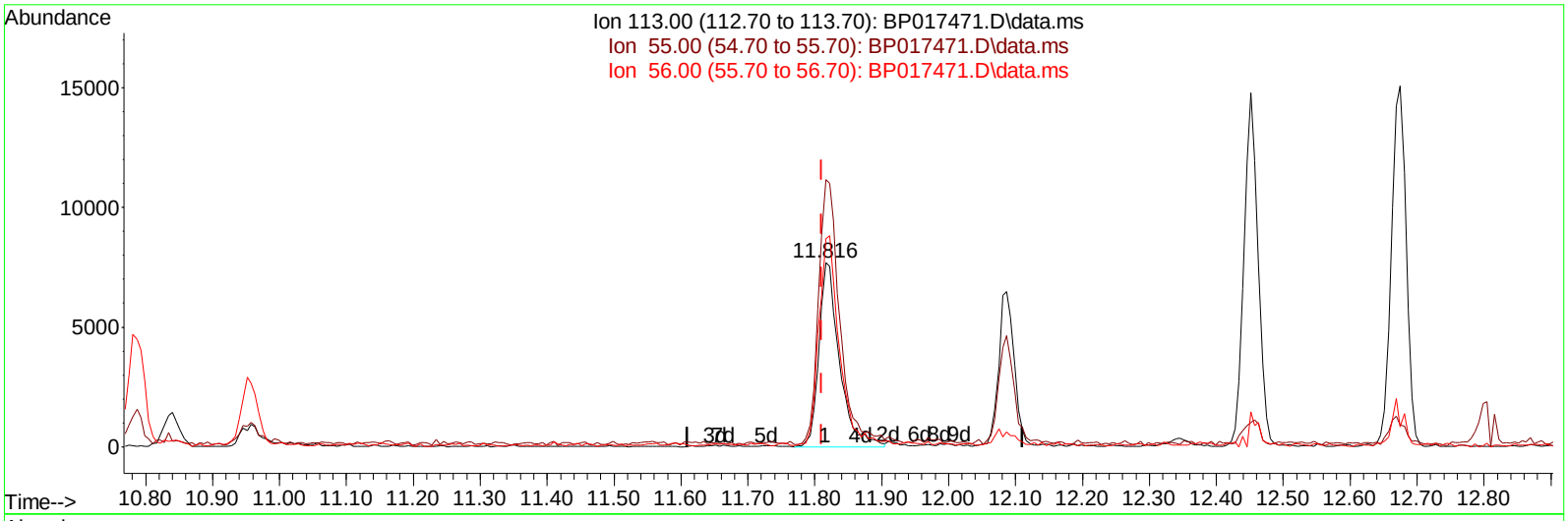

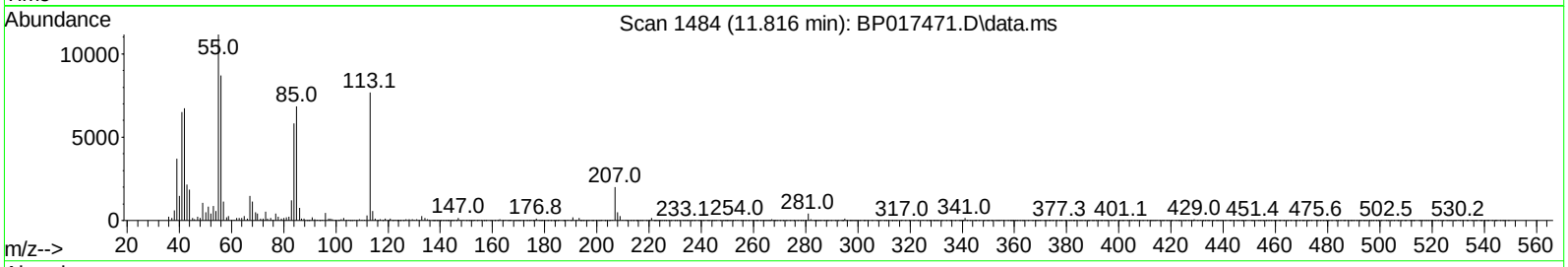

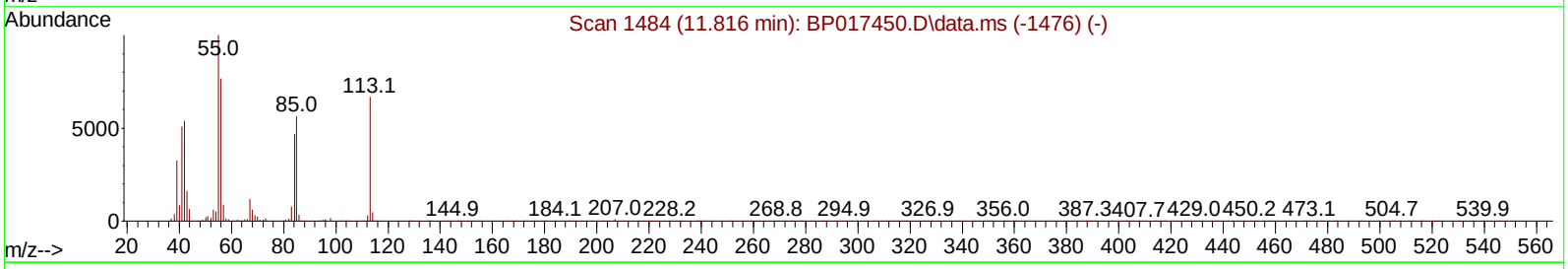

TIC: BP017471.D\data.ms

(34) Caprolactam

11.816min (+ 0.006) 5.42 ng/ul m

response 16343

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.20	144.96
56.00	118.10	112.89
0.00	0.00	0.00

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Acq On : 30 Sep 2023 06:21
Operator : MA/JU
Sample : 04571-07MSD
Misc :
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Quant Time: Oct 02 01:01:58 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	179021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	714259	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	429089	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	956912	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	994489	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1134427	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	9719	2.230	ng/uL	0.00
4) Pyridine-d5	3.734	84	103003	8.454	ng/ul	0.00
7) Phenol-d5	7.105	99	99677	6.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	273651	30.840	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	290904	24.946	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	181841	15.908	ng/ul	0.00
21) Nitrobenzene-d5	9.158	128	186140	36.048	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	200796	35.813	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	349968	33.038	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	412079	26.855	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1134756	36.916	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	1288112	36.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	40851	7.628	ng/ul	0.00
60) Fluorene-d10	15.645	176	985648	37.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	198356	36.778	ng/ul	0.00
73) Anthracene-d10	17.534	188	1598562	37.667	ng/ul	0.00
81) Pyrene-d10	19.781	212	1965967	36.556	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	2069946	37.898	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	23048	5.164	ng/uL	91
5) Pyridine	3.752	79	109485	8.655	ng/ul	99
6) Benzaldehyde	7.105	77	290223	38.680	ng/ul	99
8) Phenol	7.128	94	114599	7.749	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.387	93	380746	31.852	ng/ul	95
12) 2-Chlorophenol	7.499	128	309606	26.144	ng/ul	99
13) 2-Methylphenol	8.399	108	218539	19.971	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	487831m	32.267	ng/ul	
16) Acetophenone	8.805	105	602591	34.114	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.775	70	308609	35.008	ng/ul	98
18) 4-Methylphenol	8.734	108	206233	17.590	ng/ul	98
19) Hexachloroethane	9.016	117	152604	31.042	ng/ul	98
22) Nitrobenzene	9.199	77	468684	35.771	ng/ul	99
23) Isophorone	9.716	82	874483	37.245	ng/ul	99
25) 2-Nitrophenol	9.905	139	221225	36.412	ng/ul	98
26) 2,4-Dimethylphenol	9.946	107	281326	23.240	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.205	93	514841	33.968	ng/ul	96
29) 2,4-Dichlorophenol	10.428	162	355805	34.068	ng/ul	97
30) Naphthalene	10.840	128	1260284	33.887	ng/ul	99
32) 4-Chloroaniline	10.981	127	418771	28.479	ng/ul	97
33) Hexachlorobutadiene	11.063	225	251850	34.649	ng/ul	98
34) Caprolactam	11.816	113	16343m	5.416	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	343611	32.732	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/02/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	869786	35.832 ng/ul	99
37) 1-Methylnaphthalene	12.675	142	866413	34.917 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	504374	36.627 ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	163024	20.919 ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	321602	38.502 ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	347845	39.749 ng/ul	99
43) 1,1'-Biphenyl	13.469	154	1173622	36.050 ng/ul	99
44) 2-Chloronaphthalene	13.516	162	938886	36.377 ng/ul	99
45) 2-Nitroaniline	13.757	65	285349	45.005 ng/ul	98
47) Dimethylphthalate	14.104	163	1200889	38.783 ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	254248	47.274 ng/ul#	88
50) Acenaphthylene	14.369	152	1551624	37.533 ng/ul	100
51) 3-Nitroaniline	14.593	138	240082	41.482 ng/ul	92
52) Acenaphthene	14.710	153	1017265	37.260 ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	115851	34.436 ng/ul	95
55) 4-Nitrophenol	14.893	109	35533	8.493 ng/ul	99
56) Dibenzofuran	15.045	168	1440423	38.526 ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	376074	47.472 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.269	232	304401	40.994 ng/ul	93
59) Diethylphthalate	15.463	149	1196287	39.964 ng/ul	99
61) Fluorene	15.704	166	1196431	39.385 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.693	204	600050	38.976 ng/ul	98
63) 4-Nitroaniline	15.775	138	255379	49.439 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	224324	38.556 ng/ul#	95
67) N-Nitrosodiphenylamine	15.922	169	992922	37.724 ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	376573	39.172 ng/ul	98
69) Hexachlorobenzene	16.687	284	447616	40.126 ng/ul	95
70) Atrazine	16.887	200	297101	31.506 ng/ul	98
71) Pentachlorophenol	17.051	266	262152	38.044 ng/ul	99
72) Phenanthrene	17.475	178	1939096	38.689 ng/ul	99
74) Anthracene	17.569	178	1973859	38.859 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	498656	33.954 ng/uL	98
76) Pentachlorobenzene	14.940	250	473199	34.109 ng/uL	99
77) Carbazole	17.857	167	1808104	40.019 ng/ul	99
78) Di-n-butylphthalate	18.363	149	2083916	41.945 ng/ul	99
80) Fluoranthene	19.451	202	2402183	38.300 ng/ul	99
82) Pyrene	19.810	202	2540611	38.105 ng/ul	100
83) Butylbenzylphthalate	20.675	149	1009193	42.689 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.480	252	786361	36.394 ng/ul	99
85) Benzo(a)anthracene	21.539	228	2656442	39.578 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1438422	42.132 ng/ul	98
87) Chrysene	21.598	228	2454749	38.861 ng/ul	98
89) Di-n-octyl phthalate	22.398	149	2536885	40.654 ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2633616	39.376 ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2634737	39.045 ng/ul	99
93) Benzo(a)pyrene	24.016	252	2513669	39.280 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.863	276	3087740	38.495 ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	2550440	38.175 ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	2484457	38.409 ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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